

WHAT IS CLAIMED IS:

1                   1.     A method for creating an interest point from one or more digital video  
2 titles, the method comprising:  
3                   identifying a video frame from a digital video title;  
4                   identifying an interest point in the video frame; and  
5                   storing a file on a digital video disc (DVD), said file having identifiers for the  
6 single video frame and the interest point.

1                   2.     The method of claim 1 wherein said single video frame is a z-frame.

1                   3.     The method of claim 1 further comprising the step of manipulating the  
2 z-frame using a function chosen from the group consisting of zoom, pan and gamma correct.

1                   4.     The method of claim 1 wherein said interest point is a vista point.

1                   5.     The method of claim 4, the method further comprising:  
2                   selecting a pause time for the video frame, wherein the pause time controls the  
3 duration of any display of the z-frame.

1                   6.     The method of claim 4, the method further comprising:  
2                   entering a gamma correction for the interest point of the z-frame.

1                   7.     The method of claim 1 wherein said identifying the video frame further  
2 comprises identifying a pre-roll time prior to the video frame, wherein said pre-roll time is  
3 the amount of time the video plays prior to stopping on the video frame.

1                   8.     The method of claim 1 wherein said identifying the interest point  
2 further comprises identifying an x-coordinate and a y-coordinate for the interest point.

1                   9.     The method of claim 1 wherein the identifying the interest point  
2 further comprises identifying a zoom level for the interest point.

1                   10.    The method of claim 1 wherein said identifying the interest point  
2 further comprises selecting a gamma correction for the interest point.

1                   11.    A composer for creating a z-frame from an enhanced digital video disk  
2 (DVD), said composer comprising:

3 a user interface for entering information associated with a z-frame of a video,  
4 wherein the z-frame is comprised of one or more vista points;  
5 a user interface for entering a control for said z-frame;  
6 a vista point chart for listing the one or more vista points associated with the z-  
7 frame; and  
8 a vista point setting area, said vista point setting area having a user interface  
9 for entering the x-coordinate and y-coordinate of the one or more vista points.

1 12. The composer of claim 11, wherein the control for said z-frame  
2 comprises a control selected from a group consisting of a pause time and a pre-roll time.

1 13. The composer of claim 11, wherein the control for said z-frame  
2 comprises a pause time and a pre-roll time for the video prior to said pause time.

1 14. The composer of claim 11, wherein the vista point setting area  
2 further comprises a user interface for entering a zoom level for the one or more vista points.

1 15. The composer of claim 11, the composer further comprising:  
2 entering a gamma correction level for the one or more vista points.

1 16. A system for displaying a video frame with one or more interest points,  
2 the video frame associated with a title on a digital video disk (DVD), said system comprising:  
3 a DVD reference player having an ethernet connection;  
4 a computer coupled to said ethernet connection;  
5 a DVD emulator coupled to said DVD reference player for storing work in  
6 progress and for imitating a DVD; and  
7 a display coupled to said DVD reference player.

1 17. A method for presenting on a viewer a video frame with one or more  
2 interest points from a title on a digital video disk (DVD) on a viewer, said method  
3 comprising:  
4 identifying a video frame from a title on the DVD;  
5 identifying an interest point comprising a portion of the video frame;  
6 storing a file on a computer readable medium, said file having identifiers for  
7 the video frame and the interest point;

8 providing a menu template having a location for video and a location for text,  
9 wherein the text is associated with the video; and  
10 displaying the video frame with the interest point in a video area of a display.

1 18. The method of claim 17, wherein the computer readable medium is a  
2 DVD.

1 19. The method of claim 18, wherein the DVD stores both the title on the  
2 DVD and the identifiers.

1 20. The method of claim 17, wherein the identifying the interest point  
2 comprises identifying a plurality of interest points.

1 21. The method of claim 17, wherein displaying the video frame with the  
2 interest point comprises displaying the video frame in a first video area of the display and  
3 displaying the interest point in a second area of the display.

1 22. The method of claim 17 wherein the text is a dynamically displayed  
2 scene description associated with video frame or with an interest point of the video frame.

1 23. The method of claim 17 further comprising the steps of:  
2 entering a textual description of the video frame or the interest point  
3 associated with the video frame; and  
4 displaying the textual description on the display.